

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060764.D
 Acq On : 30 Mar 2020 12:48
 Operator : JC/MD
 Sample : L2033-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

Quant Time: Mar 31 08:19:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

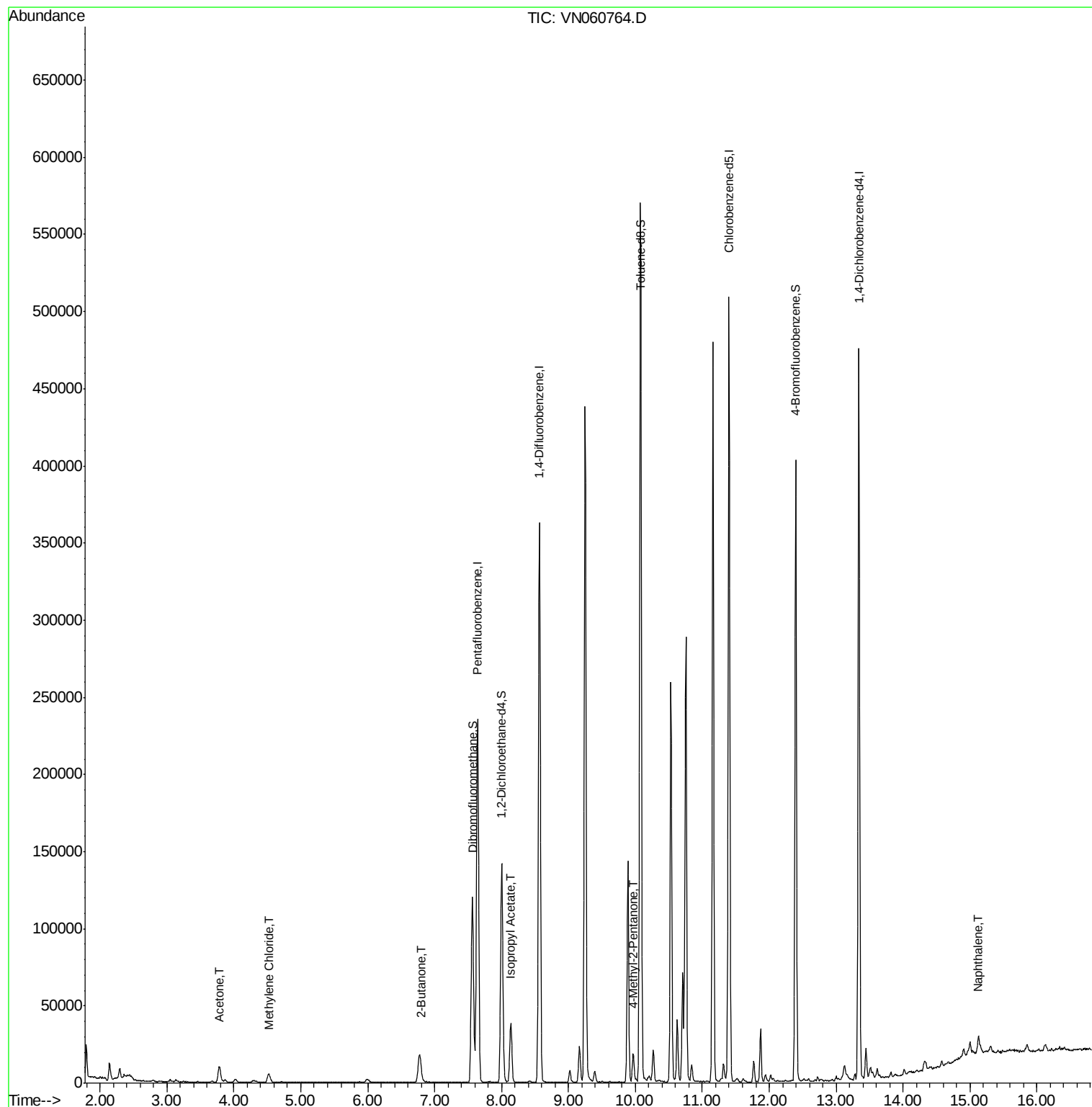
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	290202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123546	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
35) Dibromofluoromethane	7.56	113	94167	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	10.08	98	393734	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	140111	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						
16) Acetone	3.78	43	18838	20.009	ug/l	94
20) Methylene Chloride	4.52	84	4433	1.914	ug/l	97
25) 2-Butanone	6.80	43	6478	4.252	ug/l	94
43) Isopropyl Acetate	8.14	43	46659	8.461	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	16008	5.101	ug/l #	87
95) Naphthalene	15.13	128	7369	1.039	ug/l	97

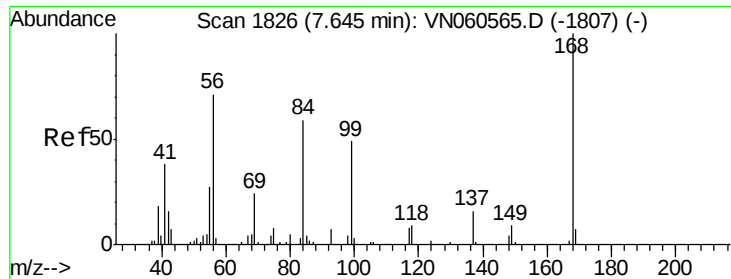
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033020\
Data File : VN060764.D
Acq On : 30 Mar 2020 12:48
Operator : JC/MD
Sample : L2033-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BUS-WASH

Quant Time: Mar 31 08:19:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060764.D

Acq: 30 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

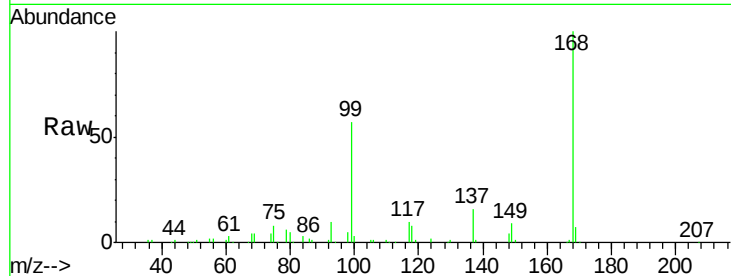
BUS-WASH

Tot Ion:168 Resp: 193612

Ion Ratio Lower Upper

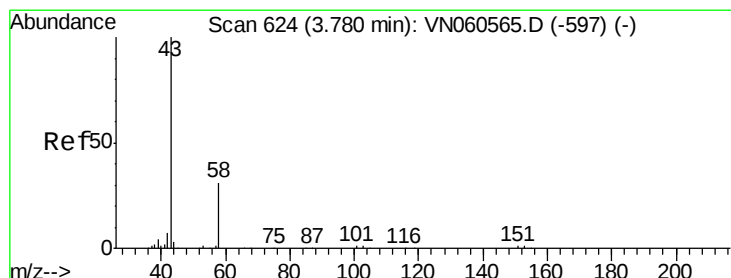
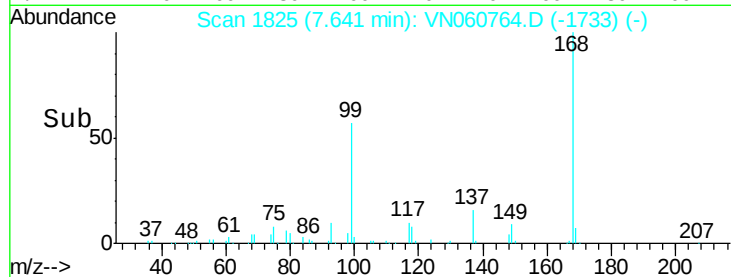
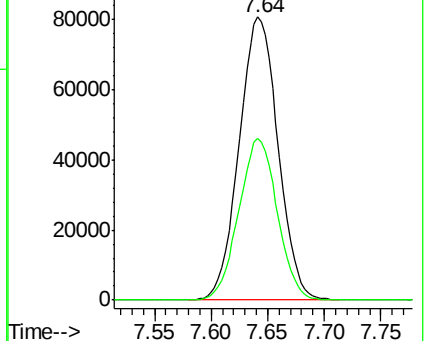
168 100

99 57.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 20.009 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060764.D

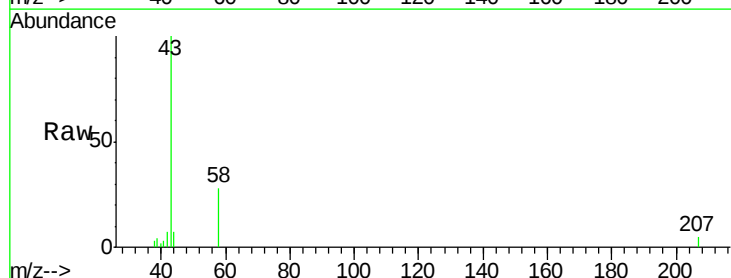
Acq: 30 Mar 2020 12:48

Tgt Ion: 43 Resp: 18838

Ion Ratio Lower Upper

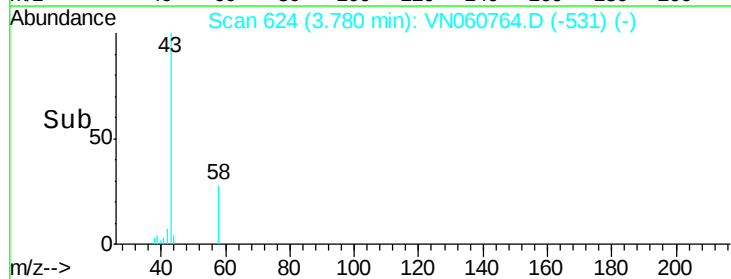
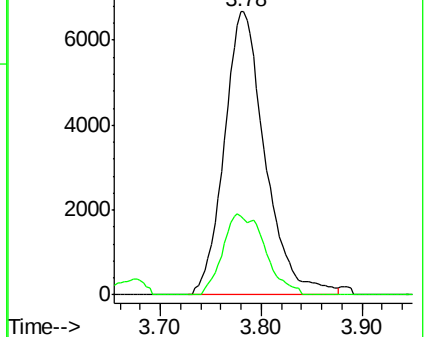
43 100

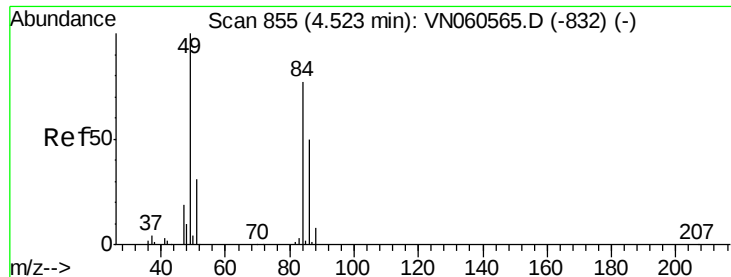
58 27.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

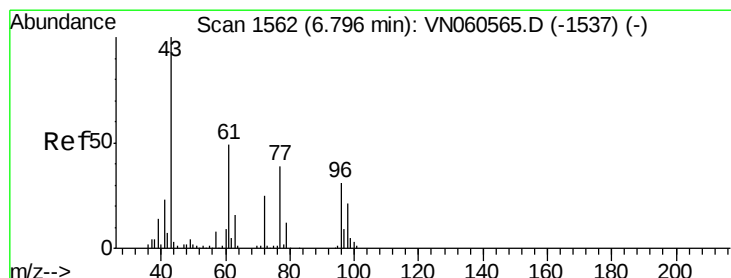
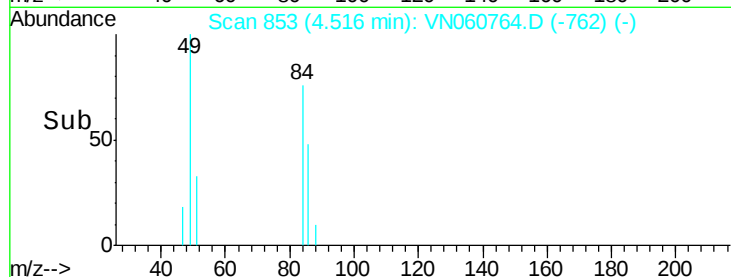
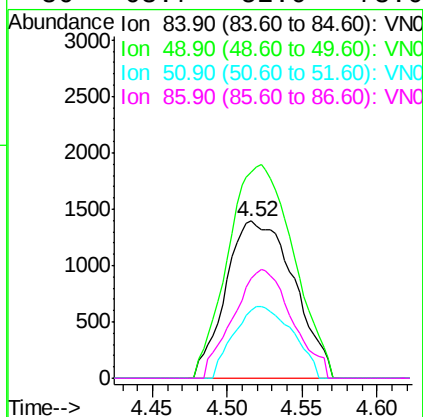
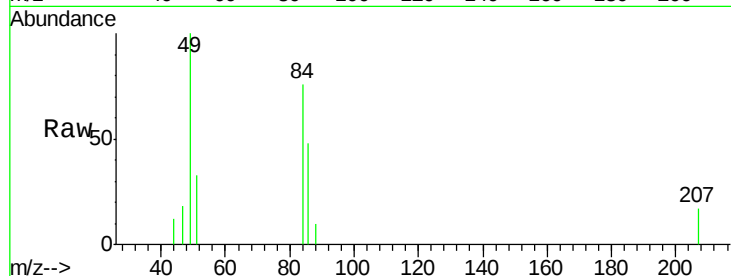




#20
Methvlene Chloride
Concen: 1.914 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060764.D
Acq: 30 Mar 2020 12:48

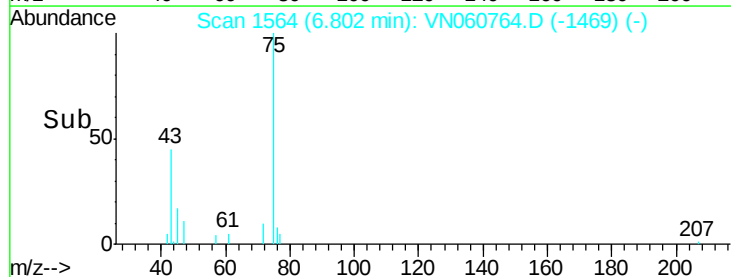
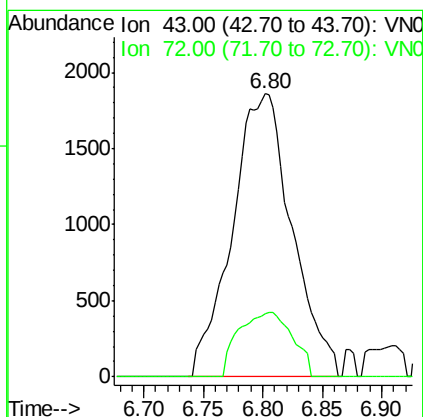
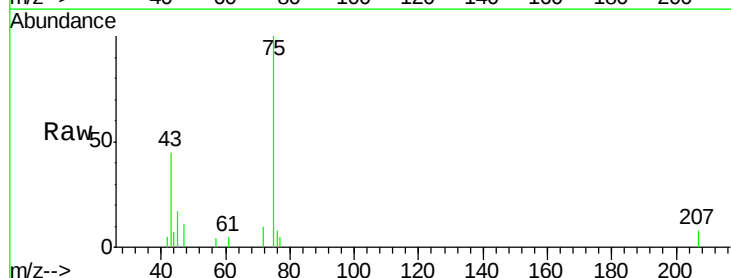
Instrument :
MSVOA_N
ClientSampled :
BUS-WASH

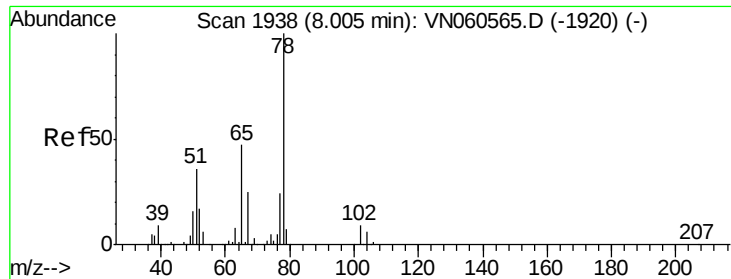
Tot Ion: 84 Resp: 4433
Ion Ratio Lower Upper
84 100
49 131.7 103.3 154.9
51 43.3 31.6 47.4
86 63.7 52.0 78.0



#25
2-Butanone
Concen: 4.252 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN060764.D
Acq: 30 Mar 2020 12:48

Tgt Ion: 43 Resp: 6478
Ion Ratio Lower Upper
43 100
72 22.5 20.4 30.6





#33

1,2-Dichloroethane-d4

Concen: 46.483 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060764.D

Acq: 30 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

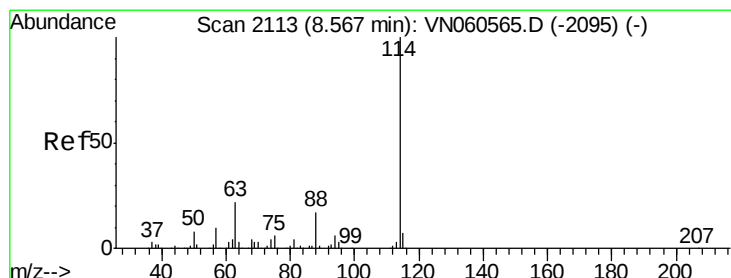
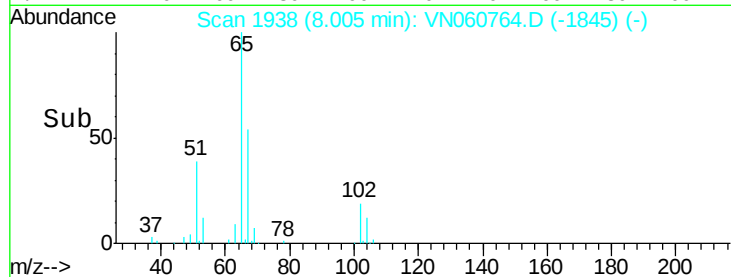
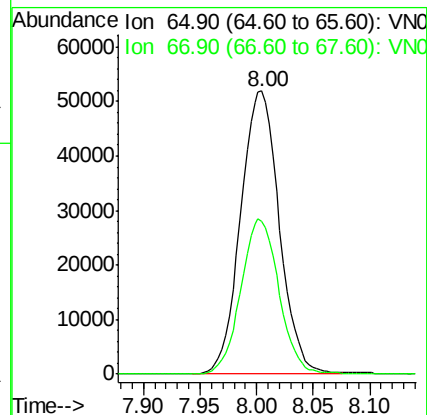
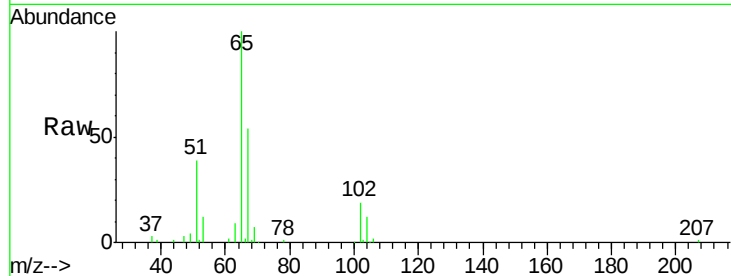
BUS-WASH

Tot Ion: 65 Resp: 123546

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060764.D

Acq: 30 Mar 2020 12:48

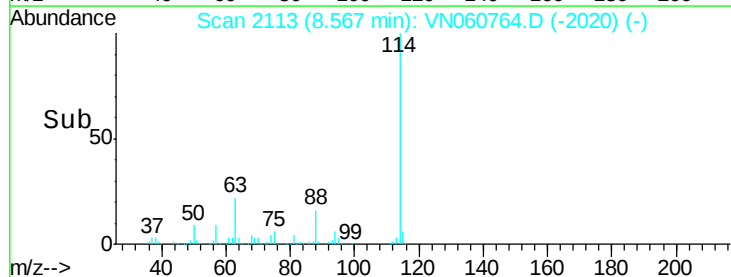
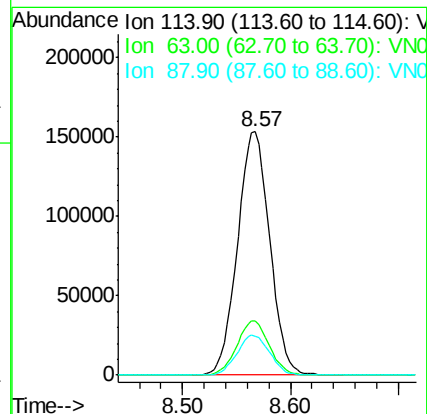
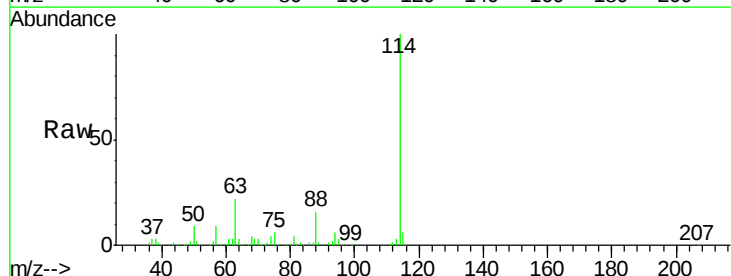
Tgt Ion: 114 Resp: 319608

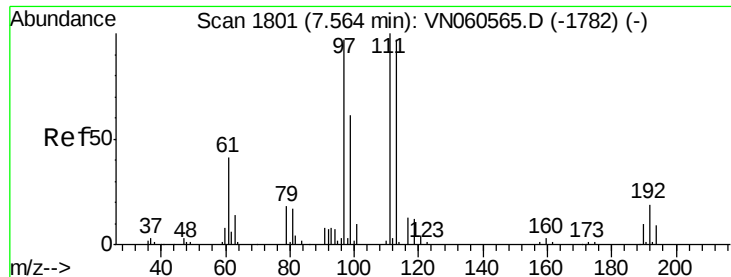
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

88 16.2 0.0 33.0

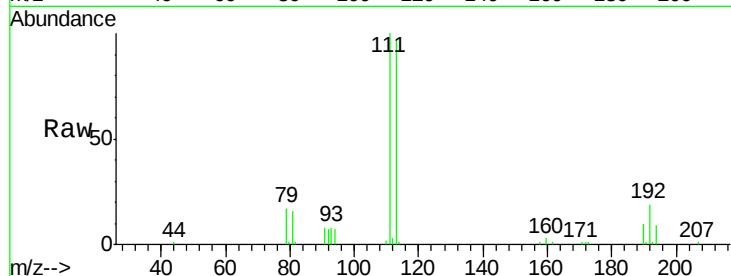




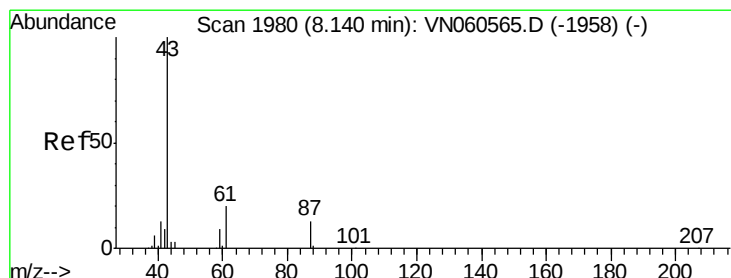
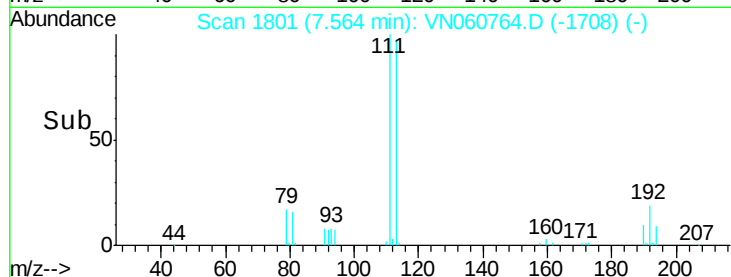
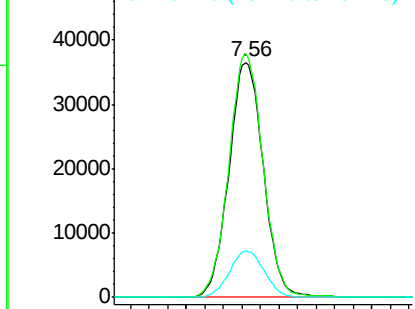
#35
 Dibromofluoromethane
 Concen: 48.726 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060764.D
 Acq: 30 Mar 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

Tot Ion:113 Resp: 94167
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 19.7 15.8 23.8

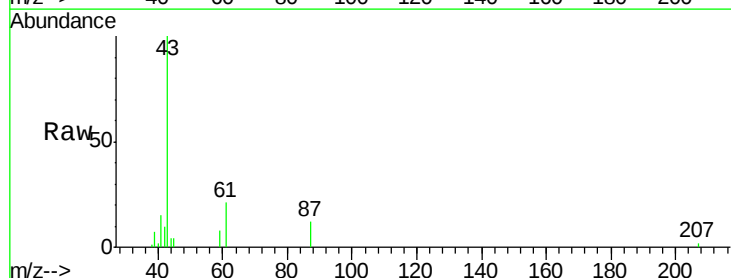


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

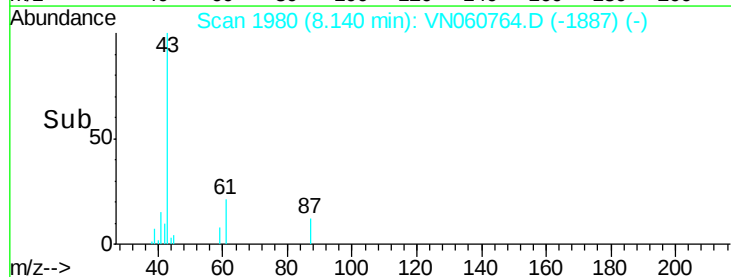
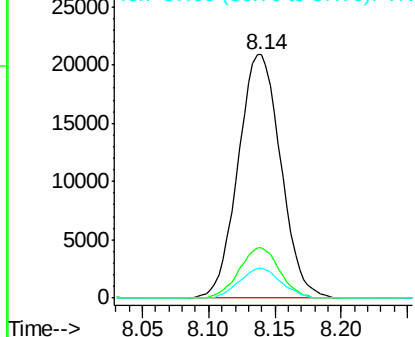


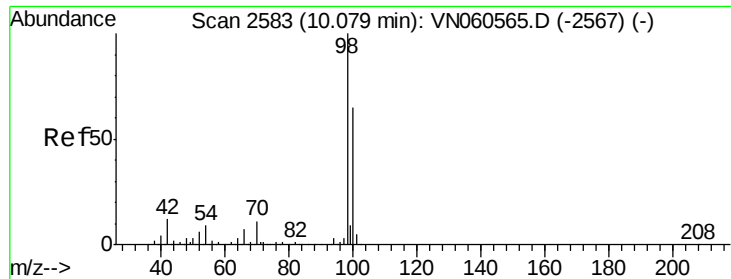
#43
 Isopropyl Acetate
 Concen: 8.461 ug/l
 RT: 8.14 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060764.D
 Acq: 30 Mar 2020 12:48

Tgt Ion: 43 Resp: 46659
 Ion Ratio Lower Upper
 43 100
 61 19.6 20.7 31.1#
 87 11.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.879 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060764.D

Acq: 30 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

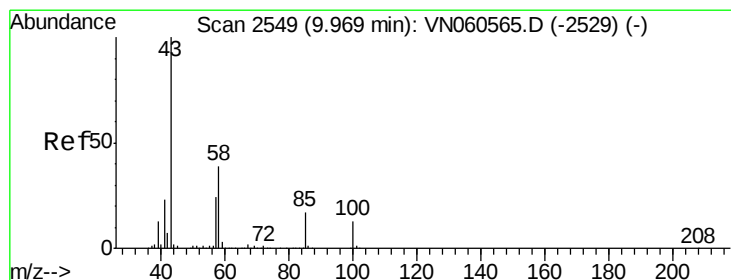
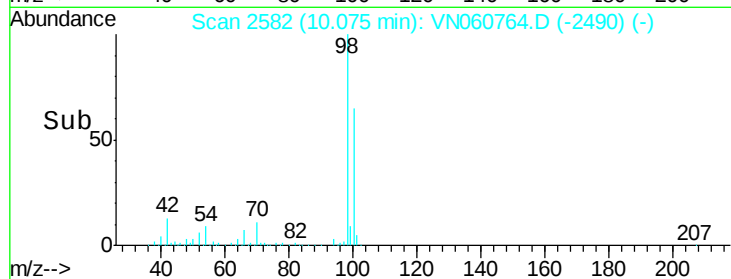
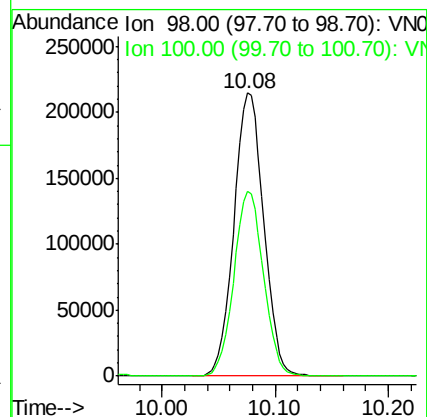
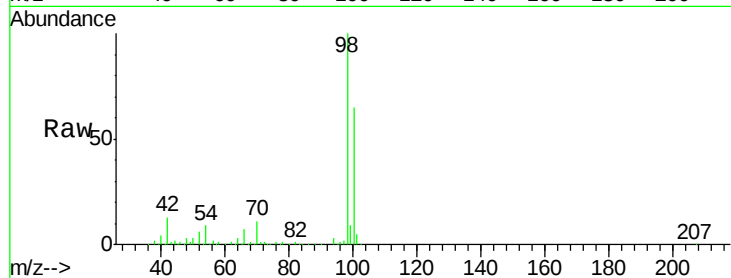
BUS-WASH

Tot Ion: 98 Resp: 393734

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 5.101 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060764.D

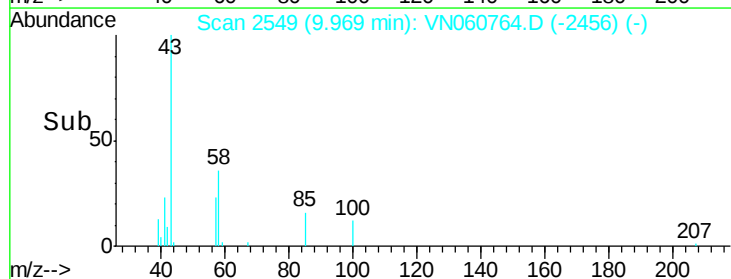
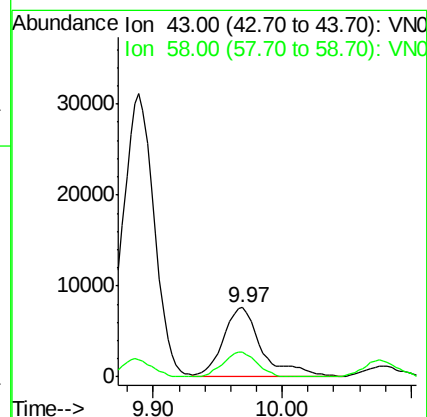
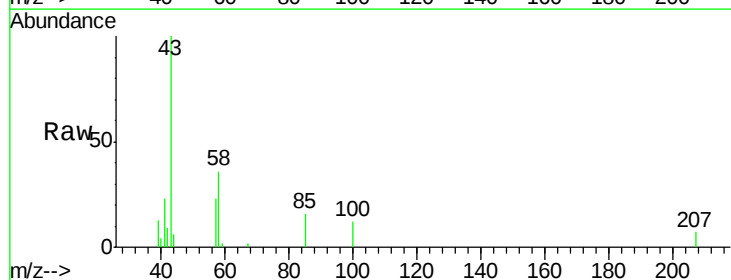
Acq: 30 Mar 2020 12:48

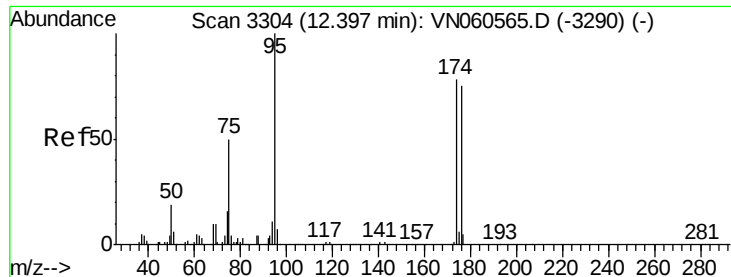
Tgt Ion: 43 Resp: 16008

Ion Ratio Lower Upper

43 100

58 30.7 30.8 46.2#





#62

4-Bromofluorobenzene

Concen: 48.432 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060764.D

Acq: 30 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampled :

BUS-WASH

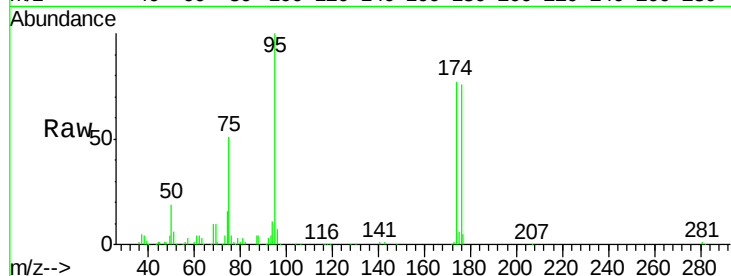
Tot Ion: 95 Resp: 140111

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.6

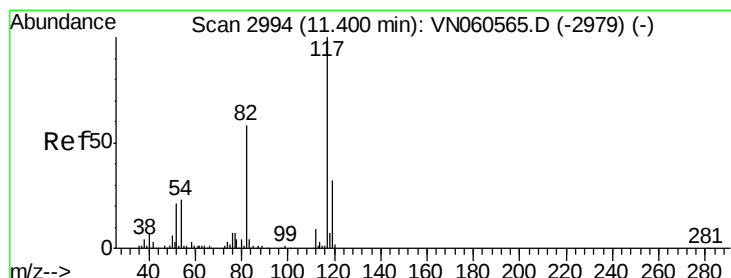
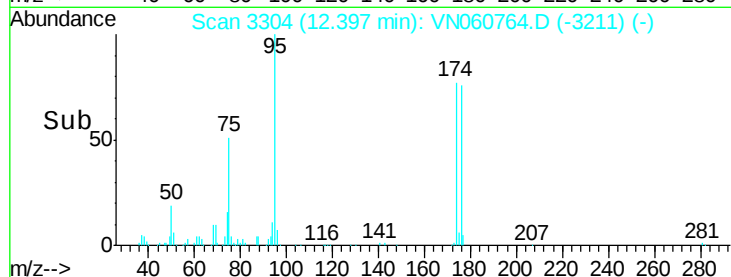
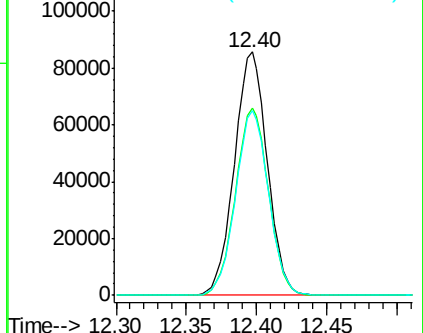
176 76.1 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060764.D

Acq: 30 Mar 2020 12:48

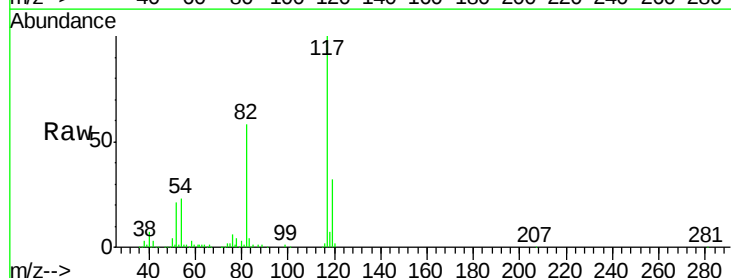
Tgt Ion: 117 Resp: 290202

Ion Ratio Lower Upper

117 100

82 58.0 46.7 70.1

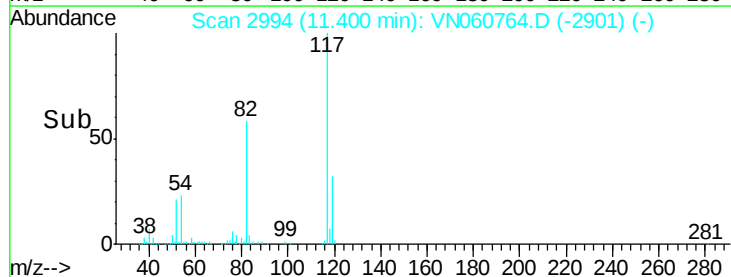
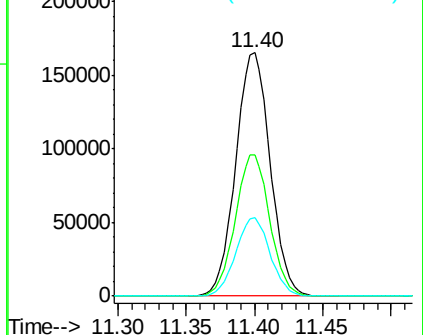
119 32.0 25.5 38.3

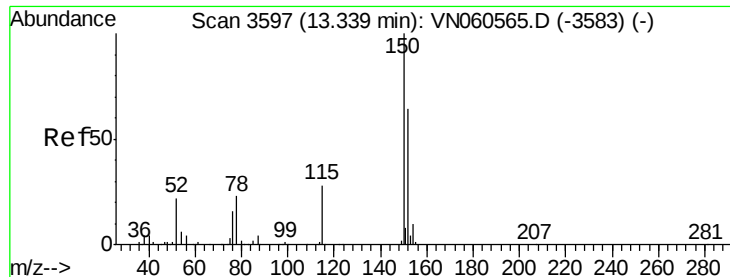


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060764.D

Acq: 30 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampled :

BUS-WASH

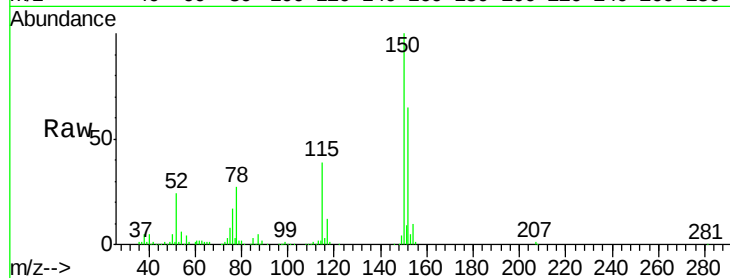
Tot Ion:152 Resp: 125870

Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

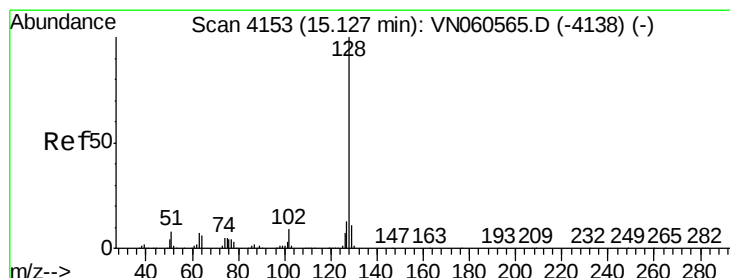
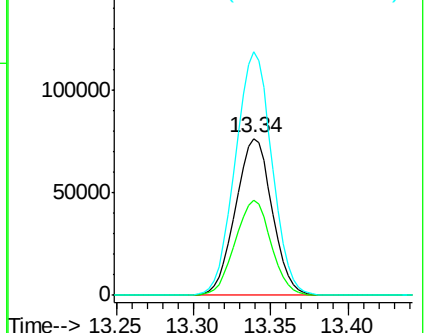
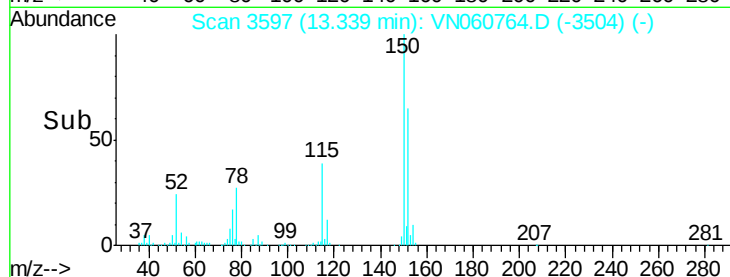
150 155.4 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 1.039 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060764.D

Acq: 30 Mar 2020 12:48

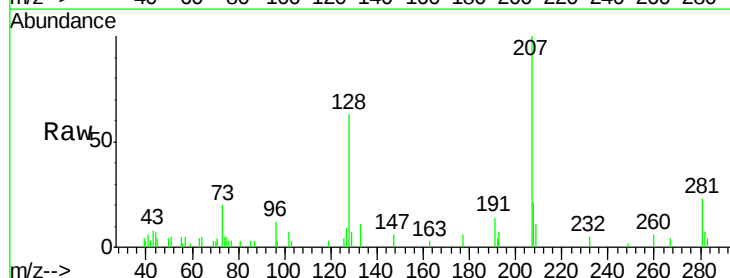
Tgt Ion:128 Resp: 7369

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.2

129 10.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

